

ABSTRACT OF THE DISCLOSURE

The invention provides a molded composition having improved noise damping properties, made of a blend of a soft thermoplastic polyether elastomer and a hard polyester resin reinforced with a fibrous or particulate filler, the molded
5 composition having an inhomogeneous structure comprising a surface part which is rich in elastomer and depleted in the polyester resin and the reinforcing filler compared to its inner part, obtained by monocomponent injection molding of a blend of the soft and the hard polyester resin wherein only the polyester resin contains the reinforcing particulate filler. The molded composition has a flex modulus F_m in the
10 range 0.5 to 10 GPa, and maintains a sufficient minimum tan delta damping factor t_{δ} over a temperature range of -50°C to 170°C .